

CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

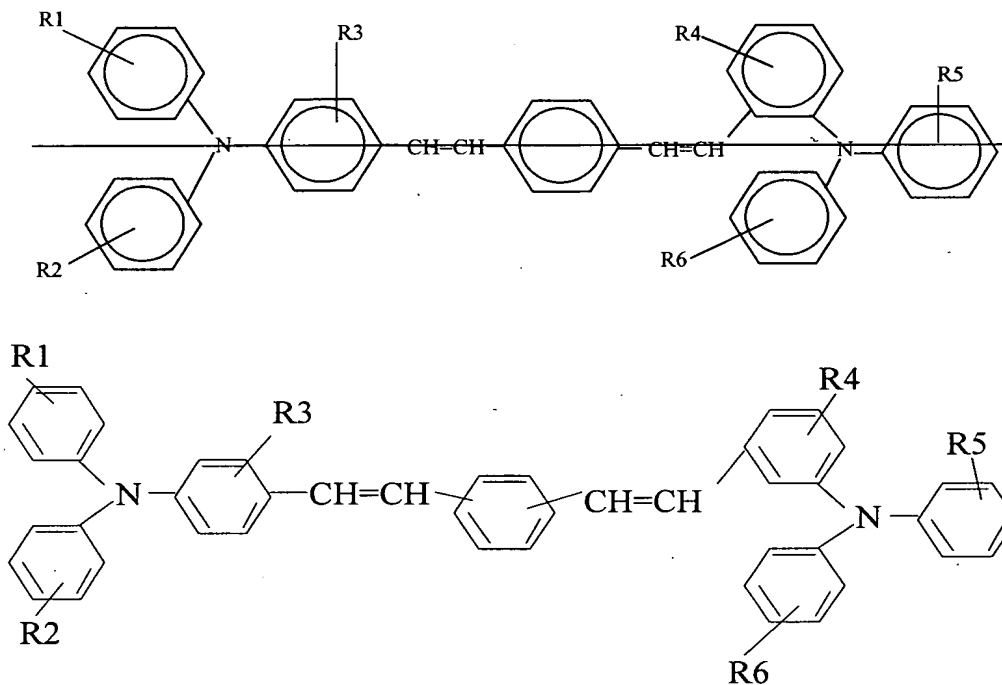
LISTING OF CLAIMS:

1. (Currently Amended) An imaging member comprising
a an electrically conductive supporting substrate or a supporting substrate
comprising an electrically conductive layer; [[,]]
~~an optional electrically conductive layer;~~
an optional hole blocking layer; [[,]]
a charge generating layer; and [[,]]
a charge transport layer having at least a first (bottom) charge transport
layer and a second (top) charge transport layer each of which comprises a hole mobility
organic transport compound molecularly dispersed in a film forming polymer binder; [[,]]
wherein the first (bottom) charge transport layer comprises a hole mobility
organic transport compound selected from the group consisting of triphenylmethane;
~~bis(4-diethylamine-2-methylphenyl)phenylmethane~~ bis(4-diethylamine-2-
methylphenyl)phenylmethane; ~~4,4'-bis(diethylamino)-2,2'-dimethyltriphenylmethane~~
4,4'-bis(diethylamino)-2,2'-dimethyltriphenylmethane; ~~N,N'-diphenyl-N,N'-bis(3-methyl-~~
~~phenyl)-[1,1'-biphenyl]-4,4'-diamine;~~ ~~N,N'-diphenyl-N,N'-bis(4-methylphenyl)-[1,1'-~~
~~biphenyl]-4,4'-diamine;~~ ~~N,N'-diphenyl-N,N'-bis(alkylphenyl)-1,1'-biphenyl-4,4'-diamine;~~
~~N,N'-diphenyl-N,N'-bis(chlorophenyl)-1,1'-biphenyl-4,4'-diamine;~~ N,N'-diphenyl-N,N'-
bis(3-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine; ~~N,N'-diphenyl-N,N'-bis(4-methyl-~~
~~phenyl)-[1,1'-biphenyl]-4,4'-diamine;~~ N,N'-diphenyl-N,N'-bis(alkylphenyl)-1,1'-biphenyl-
4,4'-diamine; N,N'-diphenyl-N,N'-bis(chlorophenyl)-1,1'-biphenyl-4,4'-diamine;
~~tritolyamine;~~ ~~N,N'-bis-(3,4-dimethylphenyl)-4-biphenyl amine;~~ ~~N,N'-bis-(4-methylphenyl)-~~
~~N,N'-bis(4-ethylphenyl)-1,1'-3,3'-dimethylbiphenyl)-4,4'-diamine~~ N,N'-bis-(4-
methylphenyl)-N,N'-bis(4-ethylphenyl)-1,1'-(3,3'-dimethylbiphenyl)-4,4'-diamine; N,N'-
diphenyl-N,N'-bis(halophenyl)-1,1'-biphenyl-4,4'-diamine; N,N'-diphenyl-N,N'-
bis(hydroxyphenyl)-1,1'-biphenyl-4,4'-diamine; phenanthrene diamine; arylamine;
enamine; stybene stilbene; and hydrozone hydrazone molecules; [[,]] and

wherein the first (bottom) charge transport layer comprises between about 50 and about 90 weight percent hole mobility organic transport compound based on the total weight of the first (bottom) charge transport layer; [[,]]

and wherein the second (top) charge transport layer comprises a film forming polymer binder and a high hole mobility organic transport compound selected from the group consisting of a diamine represented by the formula:

FORMULA (II)



where R1, R2, R3, R4, R5, and R6 are each independently selected from the group consisting of hydrogen, halogen, and an alkyl, an aryl, or and a cyclo-alkyl group having 1 to 18 carbon atoms, and at least one of R1, R2, R3, R4, R5, and R6 is halogen;

wherein the second (top) charge transport layer comprises a lesser amount by weight of this high hole mobility diamine organic transport compound than the hole transport compound used in the first (bottom) charge transport layer; [[,]]

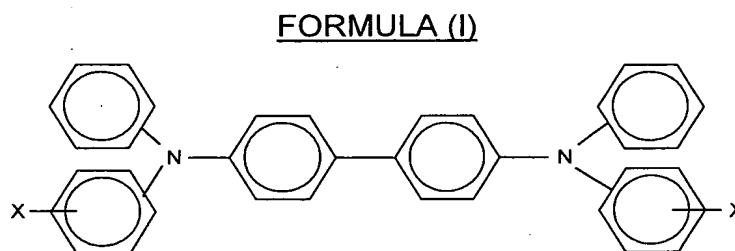
and wherein the film forming polymer binder is selected from the group consisting of polycarbonates, polystyrene, ~~polyesters, polyvinyl butyrals, polystyrene b polyvinyl pyridine, poly(vinyl butyral), and poly(vinyl carbazole), poly(vinyl chloride), polyacrylates, polymethacrylates, copolymers of vinyl chloride and vinyl acetate, phenoxy resins, polyurethanes, poly(vinyl alcohol), and polyacrylonitrile.~~

2. (Original) An imaging member according to **claim 1**, wherein the second (top) charge transport layer comprises between about 20 to about 45 weight percent of the high hole mobility diamine organic charge transport compound of Formula (II) based upon the total weight of the second charge transport layer.

3. (Original) An imaging member according to **claim 1**, wherein the second (top) charge transport layer comprises between about 30 to about 40 weight percent of the high hole mobility diamine organic charge transport compound of Formula (II) based upon the total weight of the second charge transport layer.

4. (Original) An imaging member according to **claim 1**, wherein the first (bottom) charge transport layer comprises between about 50 to about 70 weight percent of the hole mobility organic charge transport compound based upon the total weight of the first charge transport layer.

5. (Currently Amended) An imaging member according to **claim 1**, wherein the hole transport compound in the first (bottom) charge transport layers layer is comprised of an aryl amine, N,N'-diphenyl-N,N'-bis(alkylphenyl)-1,1'-biphenyl-4,4'-diamine, represented by:



wherein X is selected from the alkyl group consisting of methyl.

6. (Currently Amended) An imaging member of **claim 5**, wherein the aryl diamine in the first (bottom) charge transport layer is ~~N,N'-diphenyl-N,N'-bis(3-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine~~ N,N'-diphenyl-N,N'-bis(4-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine.

7. (Currently Amended) An imaging member of **claim 5**, wherein the aryl diamine in the first (bottom) charge transport layer is ~~N,N'-diphenyl-N,N'-bis(4-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine~~ N,N'-diphenyl-N,N'-bis(4-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine.

8. (Currently Amended) An imaging member of **claim 1**, wherein the film forming binder used in the transport layers is ~~selected from a bisphenol A polycarbonate or selected from the group consisting of poly(4,4'-isopropylidene diphenyl) carbonate or and a poly(4,4'-diphenyl)-1,1'-cyclohexane carbonate~~.

9. (Original) An imaging member of **claim 1**, wherein the film forming binder used in both transport layers is the same.

10. – 20. (Cancelled)

21. (Currently Amended) An imaging member comprising
a an electrically conductive supporting substrate or a supporting substrate comprising an electrically conductive layer; [[,]]
~~an optional electrically conductive layer;~~
~~an optional hole blocking layer; [[,]]~~
~~a charge generating layer; and [[,]]~~
a dual charge transport layer having a first (bottom) and a second (top) charge transport layer each of which is a solid solution comprising a hole mobility organic transport compound molecularly dispersed or dissolved in a film forming polymer binder; [[,]]

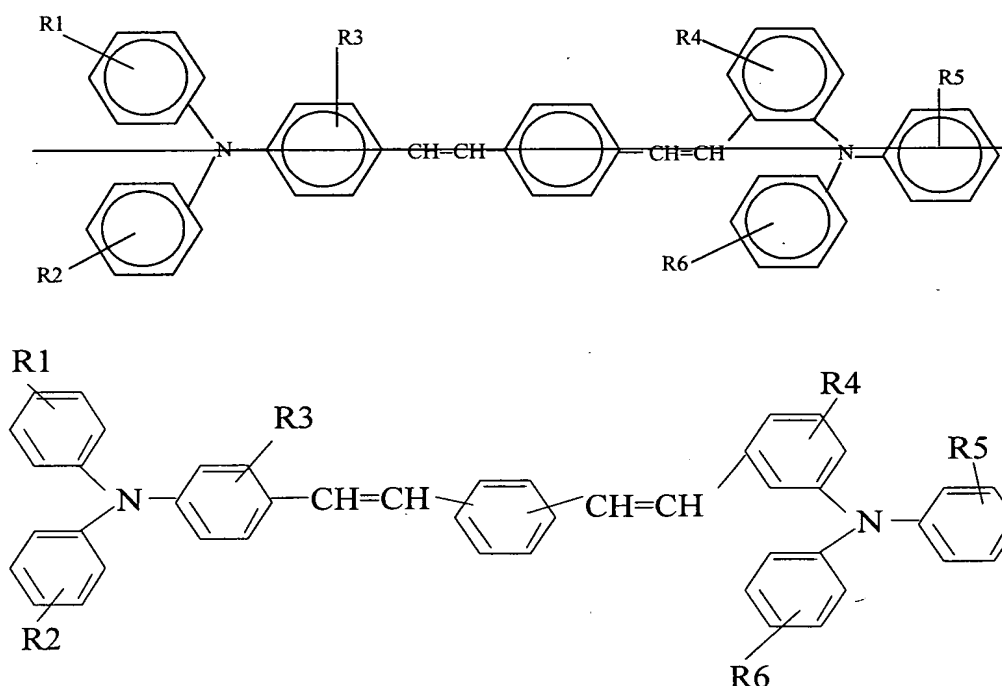
wherein the first (bottom) charge transport layer comprises a hole mobility organic transport compound selected from the group consisting of triphenylmethane; ~~bis(4-diethylamine-2-methylphenyl)phenylmethane~~ bis(4-diethylamine-2-methylphenyl)phenylmethane; ~~4-4'-bis(diethylamino)-2,2'-dimethyltriphenylmethane~~ 4,4'-bis(diethylamino)-2,2'-dimethyltriphenylmethane; ~~N,N'-diphenyl-N,N'-bis(3-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine;~~ N,N'-diphenyl-N,N'-bis(4-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine; ~~N,N'-diphenyl-N,N'-bis(alkylphenyl)-1,1-biphenyl-4,4'-diamine;~~ N,N'-diphenyl-N,N'-bis(chlorophenyl)-1,1-biphenyl-4,4'-diamine; N,N'-diphenyl-N,N'-bis(3-methylphenyl)-[1,1'-biphenyl]-4,4'-diamine; N,N'-diphenyl-N,N'-bis(4-methyl-

phenyl)-[1,1'-biphenyl]-4,4'-diamine; N,N'-diphenyl-N,N'-bis(alkylphenyl)-1,1'-biphenyl-4,4'-diamine; N,N'-diphenyl-N,N'-bis(chlorophenyl)-1,1'-biphenyl-4,4'-diamine; tritolylamine; N,N'-bis-(3,4-dimethylphenyl)-4-biphenyl amine; N,N'-bis-(4-methylphenyl)-N,N'-bis(4-ethylphenyl)-1,1'-3,3'-dimethylbiphenyl-4,4'-diamine; N,N'-bis-(4-methylphenyl)-N,N'-bis(4-ethylphenyl)-1,1'-(3,3'-dimethylbiphenyl)-4,4'-diamine; N,N'-diphenyl-N,N'-bis(halophenyl)-1,1'-biphenyl-4,4'-diamine; N,N'-diphenyl-N,N'-bis(hydroxyphenyl)-1,1'-biphenyl-4,4'-diamine; phenanthrene diamine; arylamine; enamine; stilbene; and hydrozone hydrazone molecules; [,] and

wherein the first (bottom) charge transport layer comprises between about 50 and about 90 weight percent hole mobility organic transport compound based on the total weight of the first (bottom) charge transport layer; [,]

and wherein the second (top) charge transport layer comprises a film forming polymer binder and a high hole mobility organic transport compound selected from the group consisting of a diamine represented by the formula:

FORMULA (II)



where R1, R2, R3, R4, R5, and R6 are each independently selected from the group consisting of hydrogen, halogen, and an alkyl, an aryl, or and a cyclo-alkyl group having 1 to 18 carbon atom atoms, and at least one of R1, R2, R3, R4, R5, and R6 is halogen;

wherein the second (top) charge transport layer comprises a lesser amount by weight of this high hole mobility organic transport compound than the first (bottom) charge transport layer; [[.]]

and wherein the film forming polymer binder is selected from the group consisting of polycarbonates, polystyrene, ~~polyesters, polyvinyl butyrals, polystyrene-b-polyvinyl pyridine, poly(vinyl butyral), and poly(vinyl carbazole), poly(vinyl chloride), polyacrylates, polymethacrylates, copolymers of vinyl chloride and vinyl acetate, phenoxy resins, polyurethanes, poly(vinyl alcohol), and polyacrylonitrile.~~